



## MASTER OF COMPUTER SCIENCE

The Master of Computer Science is a graduate degree credential that builds skill and knowledge in advanced topics of computer science. The degree is suitable for students with a baccalaureate degree in a computing-related field as well as students who want to demonstrate computer science expertise in addition to a degree in another field. The program fosters students' independent study and research capabilities so that graduates from this program could be inspired to pursue a doctoral degree in computer science or related fields; or pursue careers in business, industry, or government. Students pursuing Master of Science degree may concentrate their studies in any one of the following areas of emphasis: 1-Operating Systems and Architecture 2- Computational Science 3-Programming Languages and Software engineering 4- Digital Data Communications 5- Data Analytics and Data Mining.

### JOB OPPORTUNITIES

There is a high demand and low availability of skilled professionals in the field of computer science, especially for roles that require more education than a bachelor's degree. Earning your master's degree in computer science could help you reach your career goals. By broadening your skills and becoming familiar with a broader range of languages, systems, and processes, an advanced degree can help set you apart from the competition, and potentially land a higher starting salary.

### ADMISSION REQUIREMENTS

1-Applicant must meet all entrance requirements of Graduate School. 2-Applicant must have a bachelor's degree in Computer Science. Special admission will be considered for applicants with B.S. degrees from related fields, where appropriate. 3- An overall GPA of 2.7 is required. TOEFL score is required for International students. GRE is required for every student.

### DEGREE REQUIREMENT

Thesis and special project options are available. Students must complete and successfully defend the thesis or the special project. Thesis option requires 24 hours coursework and 6 hours thesis research. Special Project option requires 30 hours coursework and 6 hours project design. In addition, the Department's Graduate Comprehensive Examination is a requirement for non-thesis option students. A grade "B" or better is required for each core courses. The program requires an overall 3.0 GPA for graduation.

### GRADUATE ASSISTANTSHIPS

The Department offers graduate assistantships for eligible students who show outstanding potential. These working assistantships are competitively awarded typically for an academic year and are based on availability of funds.

### CONTACT INFORMATION

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### THE GRADUATE SCHOOL

For more detailed information, please refer to the Southern University Graduate School website:  
<http://www.subr.edu/page/1567>

